

Stemcis

Focus on your art

All-in-one, sterile and single-use kits

Designed with you,
Designed for you.

Stemcis

Designed to bring you maximum comfort

Designed with you, designed for you.

With the help of surgeons, Stemcis has designed several kits¹ to enable you to perform various fat transfer procedures ranging from small volume (1 – 10mL) to large volume (150 – 2000mL) associated or not with implants.

Easy to use and state-of-the-art, they have been designed to allow you to perform your procedures in the best possible conditions while offering you maximum comfort.

They have been conceived to perform countless procedures and are easy to use. All-in-one, sterile and single-use, Stemcis kits² allow you to focus only on your art, on your gestures.

FDA-approved, CE-marking and ISO-certified

¹Class IIa Medical Device

²The use of our kits do not present additional undesirable side-effects nor complication risks other than those associated with the autologous fat grafting technique: ecchymosis, pain, infection, oedema, haematoma, fat embolism and side effects related to the death of adipose cells (fat necrosis, inflammation, oil cysts, microcalcifications).

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Advantages



All-in-one

All the instruments needed for your procedure, and only those, in one place.



Comfort in use

Instruments and kits specially designed to bring you more comfort in your practice.



Sterile and single-use

To ensure maximum safety for your patients.



Time optimization

No more time wasted looking for the different instruments, everything is in the kit.



Regulatory compliance

FDA-approved, CE-marked and certified ISO 13485:2016.



Tissue preservation

Specially developed instruments and protocol to ensure optimal quality fat tissue and high-fat retention rate.

LARGE VOLUME KIT

Macrofill Vacuum



Macrofill Vacuum

Volume: 150 – 2000 mL



Our Macrofill Vacuum kit is used by surgeons for surgical procedures that involve large amounts of fat.

Specially designed to provide maximum comfort during use, the Macrofill Vacuum kit ensures the four steps of infiltration, harvesting, washing and soft centrifugation, plus the reinjection of adipose tissue, are easier and quicker than ever before.

Our kits, coupled with our Stemcis protocol, allow us to obtain small globules that improve the vascularization of the adipose tissue. Rejected, they allow for a more successful graft and have an increased chance of lasting over time.

Features

- Patented jar used to collect up to 200 mL.
- Harvesting cannula with ergonomic handle for more comfort during fat extraction and connected directly to the jar.

Instruments

1 infiltration cannula

10 holes (Ø 1.0 mm)
(Ø 1.7 – 2.1 mm x L250 mm)

1 harvesting cannula

20 holes (Ø 2.5 mm)
(Ø 3.0 – 3.5 mm x L250 mm)

2 jars – 200 mL and 2 connectors

1 transfer cannula

(Ø 2.4 – 3.0 mm x L130 mm)

2 FLL–FLL connectors

2 injection cannulas – 14G

(Ø 1.7 – 2.1 mm x L130 mm)

(Ø 1.7 – 2.1 mm x L200 mm)

2 needles

16G, L40 mm / 22G, L50 mm

1 rotor nut

SMALL VOLUME KITS

01. Nanofill

02. Microfill

03. Myfill

Nanofill

Volume: 1 – 10 mL



Our Nanofill kit is designed for use by surgeons who require very small amounts of adipose tissue for their procedures.

Specially designed with the surgeon's maximum comfort in mind, Nanofill ensures the steps of infiltration, harvesting, washing and soft centrifugation, along with the reinjection of adipose tissue, are easier and quicker than ever before.

Our kits, coupled with our Stemcis protocol, allow us to obtain small globules that improve the vascularization of the adipose tissue. Reinjecting, they allow for a more successful graft and have an increased chance of lasting over time.

Features

- Thin injection cannulas for delicate areas
- Syringes with removable plunger to be directly centrifuged and reduce the manipulations
- Closed system during the entire procedure

Instruments

1 infiltration cannula

(\varnothing 2.1 mm x L150 mm)

1 harvesting cannula

4 holes (\varnothing 1.1 mm)

(\varnothing 1.7 – 2.1 mm x L150 mm)

2 Luer-Lock syringes – 10 mL

with removable plunger

3 support caps for Luer-Lock syringes (red)

3 caps for Luer-Lock syringes (transparent)

2 Luer-Lock syringes – 1 mL

1 FLL-FLL connector

2 injection cannulas – 22G

(\varnothing 0.5 – 0.7 mm x L50 mm)

(\varnothing 0.5 – 0.7 mm x L70 mm)

2 needles

16G, L40 mm / 22G, L50 mm

1 rotor nut

Microfill

Volume: 10 – 50 mL



Our Microfill kit is designed for surgeons performing procedures involving small amounts of fat.

Like all of our kits, the Microfill kit is specially designed for the surgeon's maximum comfort. The steps of infiltration, harvesting, washing and soft centrifugation, followed by the reinjection of adipose tissue, have never been as easy or as quick to perform.

Our kits, coupled with our Stemcis protocol, allow us to obtain small globules that improve the vascularization of the adipose tissue. Rejected, they allow for a more successful graft and have an increased chance of lasting over time.

Features

- Patented tubes especially designed for an efficient washing of harvested tissue and to avoid air contact
- Thin injection cannulas for delicate areas
- Closed system during the entire procedure

Instruments

1 infiltration cannula

10 holes (Ø1.0 mm)
(Ø 2.1 mm x L150 mm)

1 harvesting cannula

8 holes (Ø 1.2mm)
(Ø 1.7 - 2.1 mm x L150 mm)

4 Luer-Lock syringes – 10 mL

1 transfer cannula

(Ø 2.4 - 3.0 mm x L130 mm)

2 centrifugation tubes – 50 mL

4 Luer-Lock syringes – 1 mL

2 FLL-FLL connectors

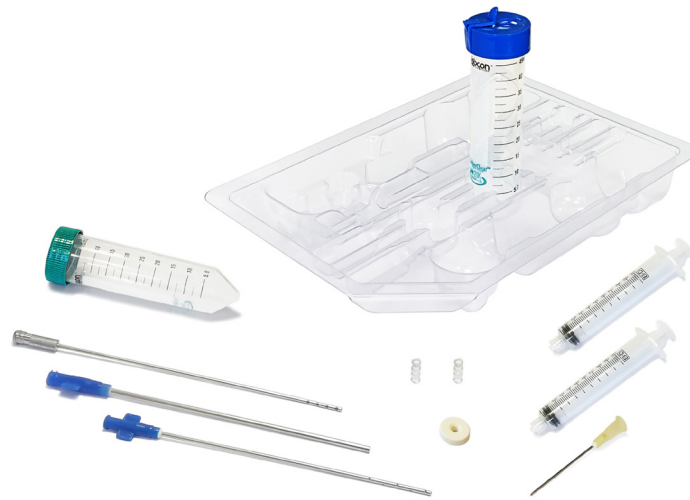
2 injection cannulas

17G (Ø 1.2 - 1.4 mm x L50 mm)
20 G (Ø 0.7 - 0.9 mm x L100 mm)

1 needle

18G, L40 mm

1 rotor nut



Our Myfill kit is designed for surgeons performing procedures involving small amounts of fat.

Like all of our kits, the Myfill kit is specially designed for the surgeon's maximum comfort. The steps of infiltration, harvesting, washing and soft centrifugation, followed by the reinjection of adipose tissue, have never been as easy or as quick to perform.

Our kits, coupled with our Stemcis protocol, allow us to obtain small globules that improve the vascularization of the adipose tissue. Reinjecting, they allow for a more successful graft and have an increased chance of lasting over time.

Features

- Patented tube especially designed for an efficient washing of harvested tissue and to avoid air contact
- One balance tube to maintain the balance during centrifugation
- Closed system during the entire procedure

Instruments

1 infiltration cannula

10 holes (Ø1.0 mm)
(Ø 2.1 mm x L150 mm)

1 harvesting cannula

8 holes (Ø 1.2mm)
(Ø 1.7 - 2.1 mm x L150 mm)

6 Luer-Lock syringes – 10 mL

with removable plunger

1 centrifugation tube – 50 mL

1 balance tube – 50 mL

2 FLL-FLL connector

1 transfer cannula

(Ø 3.0 mm x L130 mm)

1 needle

19G

1 rotor nut

ADDITIONAL PRODUCTS

01. Adip'spin and rotors
02. Adip'sup

Adip'spin



Adip'spin is a centrifuge engineered to be used in operating rooms.

Fully compatible with Stemcis products thanks to its three different rotors, it offer two different modes of use.

- **Stemcis pre-programmed mode**
Our protocol is already set-up in to facilitate your work. It allows a short and soft centrifugation of the adipose tissue to obtain better fat graft survival.
 - 2 washes of 1s at 1000 rpm
 - 1 wash of 1min at 2000 rpm
- **Free mode**
Customize the settings to suit your needs
 - Set speed from 100 to 3000 rotations per minute
 - Set duration from 1 to 99 minutes

Rotors



Rotor R2
Macrofill Vacuum
200 mL jars

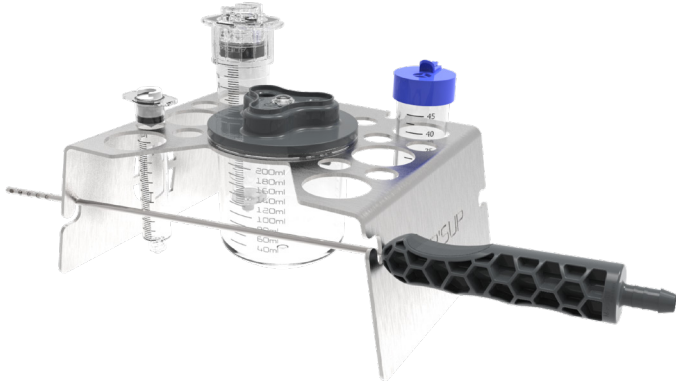


Rotor R6
Microfill and Myfill
50 mL tubes



Rotor R12
Nanofill
10 mL syringes

Adip'sup



Adip'sup is a multi-use and re-sterilizable support.

It is able to hold the instruments during the surgery to improve the comfort of the surgeon and his/her team, and it is compatible with all the instruments of the Stemcis kits.

Notes

References

| Reference | Trade name | Description | Number of units by packaging |
|-----------|------------------|---------------------------------------|------------------------------|
| KTANANO | Nanofill | Complete kit for very small volumes | 3 |
| KTAMICRO | Microfill | Complete kit for small volumes | 1 |
| KTAMY | Myfill | Complete kit for small volumes | 1 |
| KTAVACUUM | Macrofill Vacuum | Complete kit for large volumes | 1 |
| ADIPSPINE | Adip'spin | Pre-programmed centrifuge | 1 |
| ADIPMVR2 | Rotor R2 | Rotor for Macrofill Vacuum kit | 1 |
| ADIPR6 | Rotor R6 | Rotor for Microfill and Myfill kits | 1 |
| ADIPR12 | Rotor R12 | Rotor for Nanofill kit | 1 |
| ADIPSUP | Adip'sup | Multi-use and re-sterilizable support | 1 |

PROTOCOL

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Protocol

Stemcis has developed a specific protocol for fat transfer using Stemcis kit's components to obtain adipose tissue of optimal quality and high fat retention rates.



Infiltration

Infiltration should be performed with the specific cannula. This step should be short (5 to 10 min) and without anesthetic.

If anesthetic is used, it is important to wash the tissue to preserve the stem cells. Under general anesthesia, it is best to use adrenaline without local anesthetic.



Harvesting

Harvesting is performed thanks to specific cannulas with small holes to improve vascularization and preserve adipose tissue.

The pressure should be set at 500 mbar on the aspiration pump (liposuction device). In case of manual harvesting, the harvesting should be done by 10mL syringe or by 2 mL in a 10 mL syringe.



Washing and centrifugation

Soft and short centrifugation is recommended for better fat graft survival: 2 washes of 1s at 1000 rpm, and 1 wash of 1min at 2000 rpm.

This step is crucial to remove inflammatory factors, lidocaine, and cell death factors.



Reinjection

Reinjection is performed with a retrograde method: injection of small quantities in different layers with to specific cannulas.

Testimonies

Testimonies

Testimonies

I was very enthusiastic about the Macrofill Vacuum kit.

The handling is very simple and self-explanatory. The harvesting cannula is great for fat grafting, the consistency of the fat was very stable. The two jars also make it easy to extract the tumescent solution. The closed system is very practical, and you don't have to modify or reconnect during the procedure. The centrifuge is also easy to use. The harvested fat fits perfectly through the injection cannula without clogging! So, all in all, top!

Dr. KAGER
Plastic Surgeon

Myfill is a small and compact kit, and it makes the treatment very easy and very smooth. So, for every surgical act, there are the right instruments in the kit.

Dr. DEPAEPE
Orthopedic surgeon

I had a complex for several years, but I finally took the plunge, and I don't regret it at all. The result is above my expectations while remaining natural. I feel beautiful and more confident.

Sarah
Patient - Composite breast augmentation

At 53 years old, I wanted to fade the first signs of ageing that were starting to settle on my face, especially around the eyes. I absolutely wanted a natural result and above all, I wanted to be reassured about the possible risks of allergies etc., so my doctor told me about the lipofilling technique, and I must say that it is perfect. In addition, he showed me the kit before the procedure and the fact that he uses sterile and single-use kits is very reassuring.

Denis
Patient - Facial lipofilling

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